| POSITION                  | INITIALS | ID NO.        | DATE     |
|---------------------------|----------|---------------|----------|
|                           |          |               | 01/19/00 |
| FEE DETERMINATION         |          |               | 11       |
| O.I.P.E. CLASSIFIER       |          | 19/           | 2/2/     |
| FORMALITY REVIEW          | HL       | <u>′</u> 516_ | \$124/   |
| RESPONSE FORMALITY REVIEW | 4        | 626           | 03/18/0  |

## INDEX OF CLAIMS

| Rejected   | N   | Non-elected             |
|------------|---|-------------------------|
|            | 1   | Interference            |
|            | Α   | Appeal                  |
| Restricted | 0   | Objected                |
|            | Rejected<br>Allowed<br>Canceled<br>Restricted | Allowed I<br>Canceled A |

|                          |           | 0/2/01           | 75-75-75-75-75-75-75-75-75-75-75-75-75-7 |              |          | Pate    |          |                |  |          |            | Final        | Janigho 51 52 53 54 55 |  |           |                |                |              |          |          |                 |           |          | 100/3    |    | Original   |              |           |          |  |             |          | _              | 1        |          |
|--------------------------|-----------|------------------|--|--------------|----------|---------|----------|----------------|--|----------|------------|--------------|------------------------|--|-----------|----------------|----------------|--------------|----------|----------|-----------------|-----------|----------|----------|----|------------|--------------|-----------|----------|--|-------------|----------|----------------|----------|----------|
|                          |           | 8 9 2 3 3 4      | 7 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z  |              |          |         |          |                |  |          |            | Fina         | 51<br>52<br>53<br>54   |  |           |                | -              | +            | 4        | _        | 1               | L         | _        |          |    | 5          | Ш            |           | 4        | $\dashv$   | 4           | 4        | +              | +        | 4        |
|                          |           | 8 9 2 3 3 4      | 7 Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z  |              |          |         |          |                |  |          |            |              | 51<br>52<br>53<br>54   |  |           |                | -              | 十            | -        |          |                 | -         | ⊣        | ┢        |    |            | -            |           |          | T  | 寸           | ヿ        |                | 丁        |          |
|                          |           | 9 4              | 75/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/  | 7            |          |         |          |                |  |          |            |              | 52<br>53<br>54         |  |           | 7              | $\dashv$       |              | - 1      | - 1      | - 1             |           | 1        |          | 1  | 01         | ı l          | . 1       |          |  |             |          |                |          | - 1      |
|                          |           | 9 2 3 4          | 75/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/5/  | 7            |          |         |          |                |  |          |            |              | 54                     | •  | $\exists$ | 寸              |                | $\top$       | 十        | 7        | 7               | T         | 7        | ┢        | 1  | 02         | П            | П         | $\neg$   | $\neg$   | 丁           | $\neg$   | 丁              | T        | 7        |
|                          |           | 8<br>8<br>9<br>4 | 1 × × ×                                  | 7            |          |         |          |                |  |          |            |              |                        |  | $\dashv$  |                | T              | 1            | 7        | 1        | 1               | 1         | 1        | Г        | 1  | 03         | П            | П         | $\neg$   | П  | Т           | Т        | $\neg$         | Т        | ٦        |
|                          |           | 8<br>8<br>9<br>4 | 1/2 ZK                                   | 7            |          |         |          |                |  |          |            |              | <b>5</b> 5             |  | - 1       | 7              | 7              |              |          | 1.       |                 | $\perp$   |          |          |    | 04         |              | $\square$ |          | $\Box$   | $\sqsupset$ | $\Box$   | $\Box$         | $\Box$   | $\Box$   |
|                          | 1 1 1 1   | 9 1 2 3 4        | 4  | 7            |          |         |          |                |  |          |            |              |                        |  | 1         |                |                | $\perp$      |          |          |                 | $\perp$   |          |          | _  | 05         | Ш            | $\square$ |          | $\perp$  | _           | _        | _              | _        | 4        |
|                          | 1 1 1 1   | 9 1 2 3 4        | 4  | 7            |          |         |          |                |  |          |            |              | 56                     |  |           |                |                |              |          | $\perp$  | $\perp$         | ┵         | ╛        | L        | 上  | 06         |              | Ш         |          | 4  | 4           | 4        | 4              | _        | 4        |
|                          | 1 1 1 1   | 9 1 2 3 4        | Y  | 7            |          |         |          |                |  |          |            |              | 57                     |  |           |                |                |              |          |          |                 | $\perp$   | _        | L        | _  | 07         | Ш            | Ш         | _        | _  | _           | 4        | _              | 4        | 4        |
|                          | 1 1 1 1 1 | 9 1 2 3 4        | 7  | 7            |          | -       | 1 1      |                |  |          |            |              | 58                     |  |           | $\dashv$       | _              |              | _        | 1        | 1               | $\bot$    | 4        | L        | -  | 08         |              | Ш         | <u>_</u> | _  | 4           | $\dashv$ | 4              | -        | 4        |
|                          | 1 1 1 1   | 3                |  | 1            | $\pm$    | 1       |          |                |  | _        |            | L            | 59                     | $\Box$   |           | 4              | _              |              | 4        | _        | 4               | 4         | 4        | ┡        | -  | 09         |              | $\vdash$  | $\vdash$ | _  | 4           | -        | $\dashv$       | +        | 4        |
|                          | 1 1 1     | 2 ``-<br>3 4     |  | K            |          | _       | Ш        |                | $\Box$   | _        |            | L.,          | 60                     | Ц  |           | _              | 4              | _            | 4        | 4        | 4               | 4         | 4        |          |    | 10         | $\vdash$     | $\vdash$  | $\vdash$ | $\dashv$   | $\dashv$    | -        | $\dashv$       | +        |          |
|                          | 1 1       | 3<br>4           |  | 4            |          |         | Ш        | Ĺ              | $\Box$   | _        |            | $oxed{oxed}$ | 61                     |  |           | _              | 4              | _            | -        | 4        | -               | 4         | 4        | ļ.,      | -  | 11         | $\vdash$     | H         | $\vdash$ | $\dashv$   | $\dashv$    | -        | $\dashv$       | 4        | $\dashv$ |
|                          | 1 1       | 4                | 1-                                       |              | 4        | $\perp$ | $\sqcup$ | Щ              | Ц  | 4        |            | <u> </u>     | 62                     | Ц  |           | -              | 4              |              | +        | +        | +               | +         | -        | -        | -  | 12         | $\vdash$     | $\vdash$  |          | $\dashv$   |             | $\dashv$ | <del>니</del> . |          | $\dashv$ |
|                          | 1         | _                |  | $\sqcup$     | 4        | $\bot$  | $\sqcup$ | Щ              |  | _        |            | <u> </u>     | 63                     | Н  |           |                | -+             | -+           | +        | +        | +               | +         | $\dashv$ | -        | -+ | 13         | $\vdash$     | $\vdash$  |          | $\dashv$   | $\dashv$    | -+       | $\dashv$       | $\dashv$ | $\dashv$ |
|                          | 1         | 5                | ┦  |              | 4        | +       | $\vdash$ |                | Ц  | $\dashv$ |            | <del> </del> | 64                     | Н  | $\vdash$  | $\dashv$       | $\dashv$       | +            | +        | +        | $\dashv$        | +         | 4        | $\vdash$ |    | 15         | $\vdash$     | ├╌┤       | ┟╼┨      | $\dashv$   | -{          | -+       | $\dashv$       | +        | $\dashv$ |
|                          |           | _                | $\vdash$                                 | $\sqcup$     | 4        | +       | ╁╌┤      | H              | Н  | $\dashv$ |            |              | 65<br>66               | Н  | Н         | $\dashv$       | -              | +            | +        | +        | +               | +         | $\dashv$ | -        | _  | 16         | $\vdash$     | Н         | ┝╌┦      | $\dashv$   | $\dashv$    | -+       | $\dashv$       | $\dashv$ | ᅴ        |
| <br> -<br> -<br> -<br> - |           | _                | $\vdash$                                 |              |          | -       | ₽        | $\vdash$       | -  | -1       |            | ├            | 67                     | $\vdash$   | $\vdash$  | $\dashv$       | $\dashv$       | +            | -+       |          | $\dashv$        | +         | ┨        | H        | _+ | 17         | H            | Н         |          | $\vdash$   | 一           | $\dashv$ | $\dashv$       | 十        | $\dashv$ |
|                          | _         |                  | -  | $\vdash$     | +        | +-      | ₩        |                | Н  |          |            | ⊢            | 68                     | $\vdash$   | H         | -              | +              | +            | -        | +        | +               | ╅         | ┨        | H        | _  | 18         | -            | Н         | H        |  | ┪           | _        | 十              | 十        | ᅱ        |
|                          | 1         | _                | Н  | ├┤           | $\dashv$ | - -     | ╁        | -              | H  | Н        |            | ⊢            | 69                     | H  | Н         | $\dashv$       |                | -            | ┪        | +        | +               | +         | $\dashv$ | -        | -  | 19         | <del> </del> | Н         | Н        |  | $\dashv$    | 一        | _              | ヿ        | ヿ        |
|                          | <u></u> - | 9                | ⊢  | H            | +        |         | ₩        | ├              | Н  | -        |            | ├-           | 70                     | Н  | $\vdash$  | $\dashv$       | -+             | $\dashv$     | $\dashv$ | _        | -+              | ┰         | $\dashv$ | H        | -+ | 20         | +-           | Н         | Н        | ГÌ   |             | $\dashv$ | _              | 十        | ┪        |
|                          |           | 0                | -  | $\vdash$     |          | - -     | ₽        | ┝              | Н  | $\vdash$ |            | ⊢            | 71                     | -  | -         | $\vdash$       | -              | $\dashv$     | -+       | $\dashv$ | +               | +         | $\dashv$ | $\vdash$ |    | 121        | $\vdash$     | $\vdash$  | Н        | $\vdash$   | $\dashv$    |          | -              | $\dashv$ | $\dashv$ |
|                          |           | 21               | $\vdash$                                 | $\vdash$     | $\dashv$ | +_      | -        | ļ.             | Н  | -        |            | _            | 72                     |  | $\vdash$  | Н              | -+             | $\dashv$     | -        | -+       | $\dashv$        | $\dagger$ | ┥_       | .  -     | _  | 22         | +-           | -         |          | :  |             |          | _=             |          | =        |
|                          | 2         | 2 -              | =  | Н            |          |         | 1-       |                | -  |          |            | <u> </u>     | 73                     | 1  | -         |                |                | $\dashv$     | ┰        | _        | +               | +         | - -      |          |    | 23 -       | -            |           |          |  | _           |          | =              | =        |          |
|                          |           | 24               | -  | Н            | +        | - 1 -   | -        | -              | H  | :-       | =          | <u> </u>     | 74                     |  |           | H              |                | +            | -        | 寸        | - †             | +         | -ا       |          |    | 24 -       | 1-           | =         |          |  | Ξ           |          |                | -        | -        |
| ·                        | -+-       | 25               | ╁  | $\vdash$     | 十        | +       | +        | ╁              | H  | -        | -          | 一            | 75                     |  | $\vdash$  | H              | -              | -            | 十        | 7        | -+              | $\dagger$ | 1        | h        |    | 25         | ✝            |           | -        | П  |             |          | $\sqcap$       |          | コ        |
| H                        |           | 6                | ╁╴                                       | Н            | +        |         | +-       | <del>  -</del> | <del>                                     </del> | -        | l          | $\vdash$     | 76                     | <del>                                     </del> |           | H              | $\vdash$       | _            | _        | T        | _               | $\dashv$  | 7        | ļ        | -  | 26         | ✝            |           |          | П  |             | П        | П              | ヿ        | П        |
| ∴⊢                       |           | 27               | ╁┈                                       |              | ┪        | _       | +        | -              | H  | H        |            | $\vdash$     | 77                     | ╁  | ┢         | $\vdash$       | $\Box$         | 寸            | _        | _        | 一               | 7         | ┪        | r        | -  | 127        | 1            | Π         | $\vdash$ | П  | $\sqcap$    | П        | $\Box$         | П        |          |
| 1                        |           | 8                | t  | $\vdash$     | -        | -       | ┿        | ├              | -  | ┢        | <b>i</b> - | $\vdash$     | 78                     | <u> </u>   | ⇈         | Н              |                | _            | 寸        | 7        | 7               | $\neg$    | 7        | 1        | ╗  | 128        |              |           |          | П  | П           |          |                |          |          |
| ·                        |           | 9                | +  | H            | -        |         | +-       | $\vdash$       | 1  | -        |            | $\vdash$     | 79                     | 1  | İТ        | П              |                | 寸            | ┪        |          |                 | $\top$    | 7        | ſ        | ٦  | 129        | Τ            |           |          |  |             |          |                |          |          |
| :                        |           | 30               | ╁  | -            | _†       |         | 1        | ✝              | 1  | Ħ        | 1          | Г            | 80                     | 1  |           | $\Box$         | П              |              |          | $\neg$   |                 | $\neg$    |          |          |    | 130        | I            |           |          |  |             |          |                | Ш        | Ш        |
| Ė                        |           | 31               | $\top$                                   | П            | ヿ        | _       | 1        | 1              | Τ  |          | 1          |              | 81                     |  | 1         |                |                |              |          |          |                 |           |          | [        |    | 131        |              |           | L        |  |             |          | Ш              | Ш        | Ш        |
| -                        | 7         | 32               | 1  | П            | 寸        | $\neg$  | 1        | Τ              | Π  | İТ       | 1          |              | 82                     | 1  |           |                |                |              |          |          |                 |           |          |          |    | 132        | ┸            | _         | L        | L  | _           | ╙        | ╚              | Ш        |          |
| Г                        | 7:        | 33               | 1  | $\Box$       | 7        |         | Τ        | Ī              |  |          | ]          |              | 83                     | L  |           |                |                |              |          |          |                 | $\perp$   | _        | 1        |    | 133        | 1            | 1_        | 上        | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |             | <u> </u> | Ш              |          | $\sqcup$ |
|                          | - 13      | 34               |  |              |          | $\Box$  | $\perp$  |                |  | oxdot    | ]          |              | 84                     | -  | _         | L              | Ш              |              | _        |          | $\perp$         | _         | _        |          |    | 134        | 1            | 丄         | 丄        | ┺  | <b> </b>    | <b>↓</b> | <u> </u>       | Ш        | Ш        |
|                          | _         | 35               |  |              |          |         | $\perp$  |                |  |          | ]          | L            | 85                     |  | 丄         | 1_             | Ш              |              | $\Box$   | _        | $\Box$          | _         | _        | ļ        | _  | 135        | ┼-           | ↓_        | ╄        | igspace  | <u> </u>    | ╄        | L              | H        | Ш        |
| L                        |           | 36               | 1_                                       | L            |          | ᆚ       | $\perp$  | L              | <u> </u>   | <u> </u> | 1          | L            | 86                     |  | ╙         | <u> </u>       |                |              |          |          | _               | 4         | 4        | ŀ        |    | 136        | +-           | ╁         | ╄        | ╀  | ⊢           | ⊢        | ┢              | ⊢        | ⊢        |
| L                        |           | 37               | ┸  |              |          |         | 1        | ļ.,            | <u> </u>   | 닏        | 1          | ļ            | 87                     | -  | ļ.,       | ļ.,            |                |              |          |          |                 | -         | 4        | ļ        |    | 137        | +            | 4-        | ۴,       | <u> </u>   | ⊢           | ╀        | ⊢              | ⊬        | ⊢        |
| L                        | —∔-       | 38               | ╁.                                       | Ľ            |          | $\perp$ | 1        | 1              | $\perp$  | ↓_       | 1          |              | 88                     |  | 1         | -              | <b> </b>       | $\sqcup$     |          | $\sqcup$ | $\sqcup$        | 4         | _        | -        |    | 138        | -            | 1         | +-       | 1:   |             | +        | ₩              | ┼        | ├        |
| تأ                       |           | 39               | 4_                                       | <del> </del> | _        | _       | 4        | 1              | ╄  | ╀        | 1          | 1            | 89                     | -  | +         | -              |                | $\square$    |          | Н        | Ш               | 4         | $\dashv$ | }        | _  | 139        | +-           | +-        | +-       | +  | ╁           | ┼        | $\vdash$       | +        | $\vdash$ |
| Ļ                        |           | 40               | $\perp$                                  | $\perp$      | Ш        | _       | $\bot$   | 1              | 1  | ┡        | 1          | <u> </u>     | 90                     |  | ╄         | _              | -              | $\square$    |          |          | Н               | _         | -        | 1        |    | 140        | +            | ╁         | +        | +-   | 4-          | +-       | +-             | $\vdash$ | ₩        |
| · Ļ                      | _         | 41               | $\perp$                                  | $oxed{oxed}$ | Ц        | $\perp$ | $\bot$   | L              | 1_   | Ļ        | 1          | $\vdash$     | 91                     |  | <u> </u>  | _              | <del> _</del>  | Ш            | <u> </u> | _        | Ц               | _         |          |          |    | 141        |              | +         | 1        | 1:   | ╀           | +        | +-             | $\vdash$ | $\vdash$ |
| L                        |           | 42               | $\perp$                                  | $\perp$      | Ш        | _       | 1        | 1              | 1_   | ╙        | 1          | <b></b>      | 92                     |  | 1         | <del> </del> _ | <del> </del> _ |              | L        | $\vdash$ | $\vdash \vdash$ | 4         | $\dashv$ | ŀ        |    | 142        | +-           | +         | ╀        | 1,   | ╀           | ╁        | +              | ╀        | ┼        |
| .                        |           | 43               | 1  | $\perp$      | Ш        | _       | +        | +              | 1  | 1        | 1          | <u> </u>     | 93                     |  | +         | <del> </del>   | -              | Н            | <u> </u> | _        | Н               | -1        |          | - 1      |    | 143        | +            | +         | ╁        | +  | ₩           | +        | ╁              | ╁        | ╁        |
| 1                        |           | 44               | ┸  | $\perp$      | $\sqcup$ | _       | 4        | ↓_             | ┺  | ↓        | 4          | $\vdash$     | 94                     |  | ╀         | ╂_             | ⊢              | H            | -        | H        | H               | $\dashv$  |          | ŀ        |    | 144<br>145 | +            | +         | +        | +-   | ╁╾          | +        | ╁╴             | +        | ╀╌       |
| . }-                     | _         | 45               | 1  | ـ            | $\sqcup$ |         | 4        | 4-             | +  | ╁-       | 4          | $\vdash$     | 95                     |  | 1         | +-             |                | ⊢            | $\vdash$ | -        | $\vdash$        |           | $\dashv$ | 1        |    | 146        | ╫            | +         | ╀╌       | +  | ╁╴          | +        | ╁╴             | +        | 十        |
|                          |           | 46               | +  | $\vdash$     | $\sqcup$ | -       | 4        | ╁              | ╀  | +        | -          | -            | 96                     |  | +-        | +-             | ₩-             | $\vdash$     | -        | -        |                 |           | $\dashv$ | ŀ        |    | 147        | +            | +         | ╁        | +  | +-          | +        | +              | ╁        | ╁        |
|                          |           | 47               | +  |              | $\sqcup$ |         | +        | ╀              | ╀  | +        | 4          | $\vdash$     | 97<br>98               |  | +         | +              | ╁              | <del> </del> |          | -        | $\vdash$        | Н         | $\dashv$ | -        |    | 148        | +-           | ╁         | +        | +-   | +           | +-       | ╁              | 十        | +        |
|                          |           | 48               | +  | -            | $\vdash$ | - -     | +-       | +              | +-   | ╀        | 1          | L            |                        |  | 1         | 1              | 1_             |              | L_       | l        | <u> </u>        | !         | - 1      |          |    |            | 4-           | ┸         |          |  | 1           |          | -              | 4_       | 1        |
| F                        |           | 49<br>50         | -  | 1            |          |         |          |                |  |          |            | 1            | 99                     | al 🗀   | ┰         | 7              |                | 1            | П        |          | 1               |           | ╗        | ı        |    | 149        | -1           | T         | Т        | $\top$   | 1           | 1        | 1              |          | Т        |

If more than 150 claims or 10 actions staple additional sheet here